

**AMENDMENTS TO THE CLAIMS**

Kindly amend the Claims, without prejudice, as shown below in the listing of claims. The listing of claims, shown below, will replace all prior versions, and listings, of claims in the instant Application:

**Listing of Claims:**

1. (Previously Amended) A pipe consisting essentially of:
  - an ethylene alpha-olefin interpolymer, wherein said ethylene alpha-olefin interpolymer has a density in the range of 0.925 to 0.965 g/cc, a melt index (I<sub>2</sub>) in the range of 0.05 to 5 g/10 minutes; and
  - an antioxidant system, wherein said antioxidant system consist essentially of;
    - from 500 to 5000 ppm of 3,3',3'',5,5',5''-hexa-tert-butyl- $\alpha,\alpha'$ ,  $\alpha''$ -(mesitylene-2,4,6-triyl)tri-p-cresol;
    - from at least 300 to 5000 ppm of Pentaerythritol Tetrakis(3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate), Octadecyl-3-(3,5-di-tert-butyl-4-hydroxyphenyl)-propionate, or combinations thereof;
    - optionally one or more metal deactivators;
  - wherein said pipe has an F time in Jana Laboratories Procedure APTF-2 of at least 1000 hours, under the following conditions: pH 6.8 ( $\pm 0.1$ ); Chlorine 4.1 mg/L ( $\pm 0.1$ ); Nominal ORP 830mV; fluid temperature 110°C ( $\pm 1$ ); air temperature 110°C ( $\pm 1$ ); pressure 70 psig ( $\pm 1$ ); flow rate 0.1 US gallons/min ( $\pm 10$  percent).
2. (Cancelled).
3. (Cancelled).
4. (Cancelled).

5. (Cancelled).

6. (Cancelled).

7. (Cancelled).

8. (Previously Presented) The pipe of Claim 1, wherein the ethylene alpha-olefin interpolymers is multimodal.

9. (Previously Presented) The pipe of Claim 1, wherein the ethylene alpha-olefin interpolymers has a density in the range of 0.940 to 0.965 g/cc.

10. (Cancelled).

11. (Cancelled).

12. (Cancelled).

13. (Previously Presented) The pipe of Claim 1, wherein said pipe has an F time in the range of greater than 1200 hours.